Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 05 Feb 2021 until 23:59 on Saturday 06 Feb 2021

Forecast Issued on Thursday 04 Feb 2021 at 16:30

Confidence: High for an increasing cold spell through the forecast period with occasional snow or snow showers and easterly winds, although somewhat lower for cloud and snow amounts.

Headline for Friday 05 Feb 2021: Cloudy with outbreaks of rain, sleet and increasingly snow. Strong, cold easterly winds.

Mountain weather hazards on Friday 05 Feb 2021

Blizzards No Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG					FOG	FOG
Fog	Fog	Sleet	Sleet	Sleet	Sleet	Fog	Fog
Precipitation probability							
30%	40%	60%	60%	60%	50%	40%	30%

Forecast for Friday 05 Feb 2021

Weather: Mainly cloudy with occasional light rain and sleet, the precipitation most persistent and occasionally heavy across eastern hills, and above about 600m turning increasingly to snow.

Chance of cloud free mountain/hill tops above 600m: Little chance.

Visibility: Periods or persistent cloud above 300-450m, but nearer 600m in west. Away from cloud, visibility good falling to just a few kilometres in sleet and snow and less than a kilometre in any heavier snow.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 05 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/26 E	17/26 E	16/24 E	14/21 E	13/19 E	12/18 E	13/19 E	15/21 E	15/22 E
300	10/21 E	10/21 E	11/22 E	10/20 E	10/19 E	9/18 E	9/19 E	10/19 E	10/20 E
Valley	9/22 E	10/23 E	10/21 E	10/20 E	9/19 E	10/19 E	9/19 E	10/20 E	10/21 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	1/-5	1/-5	1/-5	1/-4	2/-3	1/-4	1/-4	1/-4
300	3/-0	3/-1	3/-2	3/-1	4/0	4/0	3/-1	2/-1	2/-1
Valley	5/1	4/1	4/1	4/1	5/2	6/2	4/1	4/0	4/0
Freezing Level*	900m	800m	800m	800m	900m	800m	800m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe chill effect likely over higher hills with gusts around 40mph over ridges and summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 04 Feb 2021	7.4mm	39.2mm	40.2mm

Forecast for Saturday 06 Feb 2021

Weather: Mostly cloudy with outbreaks of snow continuing, initially as rain or sleet below about 600m. Lying snow over higher hills drifting or blowing in the occasionally strong easterly or northeasterly winds.

Maximum wind: Easterly or northeasterly 20mph, increasing 25-30mph later in afternoon with gusts around 45mph over ridges and summits, creating a severe chill effect.

Chance of cloud free mountain/hill tops above 600m: Little chance.

Visibility: Periods or persistent cloud above 300-450m, but nearer 600m in west. Away from cloud, visibility good falling to just a few kilometres in sleet and snow and near zero in drifting or blowing snow over higher fells.

Temperature: **Valleys:** Plus 2 or 3 Celsius at dawn rising to plus 5 Celsius by day
At 600m: Plus 1 Celsius falling to minus 3 Celsius
Freezing level: Around 700m gradually falling to 300m

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